

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor: James E. C. Brown

Title: Automatic Burst Mode I/Q Gain and I/Q Phase Calibration Using Packet-Based Fixed Correction Coefficients

Docket No. RAD344

INFORMATION DISCLOSURE STATEMENT

The citations referenced herein, copies attached on substitute for form 1449A/PTO, may be relevant to the examination of the above-identified patent application and are therefore submitted in compliance with the duty of disclosure as defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in the application.

Date: August 7, 2003



David R. Gildea, Reg. No.: 38,465
Menlo Patent Agency LLC

Docket No.: RAD344

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 2

On substitute for form 1449A/PTO First Named Inventor: James E. C. Brown
U.S. Department of Commerce Filing Date: August 7, 2003
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U. S. PATENT DOCUMENTS

<u>Examiner Initials</u>	<u>Patent No.</u>	<u>Patentee</u>	<u>Date of Publication</u>	<u>Class/ Subclass</u>
_____	6,330,290	Glas	Dec. 11, 2001	375/324

FOREIGN PATENT DOCUMENTS

<u>Examiner Initials</u>	<u>Office</u>	<u>Number</u>	<u>Patentee or Applicant</u>	<u>Date of Publication</u>

OTHER NON PATENT LITERATURE DOCUMENTS

Include name of author (in CAPITAL LETTERS) title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

_____ Li YU & W. Martin SNELGROVE, "A Novel Adaptive Mismatch Cancellation System for Quadrature IF Radio Receiver", IEEE Transactions On Circuits and Systems -- II: Analog and Digital Signal Processing , Vol. 46, No. 6, pages 789-801, June, 1999

_____ Ediz CETIN, Izzet KALE & Richard C. S. MORLIN, "Adaptive Compensation of Analog Front-End I/Q Mismatches in Digital Receivers", pages IV-370 to IV373, IEEE, 2001

_____ James K. CAVERS, & Maria W. LIAO, "Adaptive Compensation for Imbalance and Offset Losses in Direct Conversion Transceivers" IEEE Transactions on Vehicular Technology, Vol. 42, No. 4, pages 581-588, November, 1993

Examiner Signature: _____ Date considered: _____

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Sheet 2 of 2

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_____ Knog-pang PUN, Jose E. FRANCA & C. AZEREDO-LEME, "Wideband Digital Correction and I and Q Mismatch in Quadrature Radio Receivers", ISCAS 2000 - IEEE International Symposium on Circuits and Systems, May 28-31, 2000, pages V661-V664, Geneva, Switzerland

_____ Ediz CETIN, Izzet KALE & Richard C. S. MORLING, "On the Structure, Convergence and Performance of an Adaptive I/Q Mismatch Corrector", pages 2288-2292, IEEE, 2002

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